

Patent Application
Attorney Docket No. 11873-007001
Client Docket No. 13096HU

What is claimed is:

1. A method for removing duplicate records produced from gathering statistics concerning network data packets comprises:

determining whether a session key associated with the network record maps to an active session and, if the session key maps to an active session, determining whether a record key associated with the NAR exists within the session; dropping the network record if the session key exists in the session.

2. The method of claim 1 further comprising:

receiving network packets; and

producing from the network packets the network records that contain statistics derived from the network packets.

3. The method of claim 1 further comprising:

routing the network records to an order enhancing node to perform the actions of determining and dropping.

4. The method of claim 1 further comprising:

determining whether the session key maps to an already propagated session key and dropping the NAR if the session key maps to an already propagated session key.

5. The method of claim 1 further comprising:

passing through the NAR if the NAR is a pass through type NAR.

6. The method of claim 1 wherein if the session key does not map to an active session, the method further comprising:

adding the session key to an active sessions table; and adding the NAR as part of the session.

7. The method of claim 1 further comprising:

determining whether the session is complete.

8. The method of claim 7 wherein if the session is complete, sequencing all NARs in the session according to a record number sequence.

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9. The method of claim 8 further comprising:
propagating to an output file all NARS according to record number sequence
for the session.
10. The method of claim 7 further comprising:
removing the session from the active session table and session time table
after propagating NARs to the output file.
11. The method of claim 7 further comprising:
adding the session to a process session list.
12. The method of claim 1 further comprising:
determining if the session key maps to an already propagating session and
if so dropping the network record.
13. The method of claim 1 wherein the network packets are provided by use of
a wireless networking protocol.
14. The method of claim 13 further comprising:
adding the session key to a session list if the session key does not map to an
already propagated session.
15. A method for removing duplicate records produced from gathering statistics
concerning network data packets transmitted by a wireless protocol comprises:
determining if a session key associated with a record maps to an already
propagating session and if so dropping the network record.
16. The method of claim 15 further comprising:
determining whether a session key associated with the network record maps
to an active session and, if the session key maps to an active session, determining
whether a record key associated with the NAR exists within the session.
17. The method of claim 16 further comprising:
dropping the network record if the session key exists in the session.

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18. The method of claim 16 further comprising:
adding the network record to the session if the session key does not exist in
the session.

19. The method of claim 16 further comprising:
determining whether the protocol of the network transmission allows for
determining if the session is complete.

20. The method of claim 16 wherein if the session is complete,
sequencing all NARs in the session according to a record number sequence;
propagating to an output file all NARS according to record number sequence
for the session; and
removing the session from the active session table and session time table
after propagating NARs to the output file.

21. A computer program product residing on a computer readable media for
removing duplicate records produced from gathering statistics concerning network
data packets comprises instructions for causing a computer to:
determine whether a session key associated with the network record maps to
an active session and, if the session key maps to an active session;
determine whether a record key associated with the NAR exists within the
session; and
drop the network record if the session key exists in the session.

22. The computer program product of claim 21 further comprising instructions
to:
determine whether the session key maps to an already propagated session
key; and
drop the NAR if the session key maps to an already propagated session key.

23. The computer program product of claim 21 further comprising instructions
to:
pass through the NAR if the NAR is a pass through type NAR.

24. The computer program product of claim 21 further comprising instructions
to:

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add the session key to an active sessions table; and
add the NAR as part of the session, if the session key does not map to an active session.

25. The computer program product of claim 21 further comprising instructions to:

determine whether the session is complete; and if the session is complete, sequence all NARs in the session according to a record number sequence.

26. A data collection system comprising:
a processor;

a memory storing a computer program product for execution in the processor, for removing duplicate records produced from gathering statistics concerning network data packets comprises instructions for causing a processor to:

determine whether a session key associated with the network record maps to an active session and, if the session key maps to an active session;

determine whether a record key associated with the NAR exists within the session; and

drop the network record if the session key exists in the session